

IFW



PATENT
Attorney Docket No. ASC-058B

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Leitz *et al.* CONFIRMATION NO.: 8603
SERIAL NO.: 10/646,353 GROUP NO.: 2826
FILING DATE: August 22, 2003 EXAMINER: Not Yet Assigned
TITLE: Semiconductor Heterostructures Having Reduced Dislocation Pile-Ups
and Related Methods

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, is/are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 19th day of October, 2004.


Lisa Marie Solis

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are:

1. Transmittal Form (1 pg.);
2. Supplemental Application Data Sheet (5 pgs.); and
3. Return receipt postcard.

3131384-1



TRANSMITTAL FORM

Application Serial Number	10/646,353
Filing Date	August 22, 2003
First Named Inventor	Leitz
Group Art Unit	2826
Examiner Name	Not Yet Assigned
Attorney Docket No.	ASC-058B
Patent No.	Not Applicable
Issue Date	Not Applicable

ENCLOSURES (check all that apply)

- | | | |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Check Attached
<input type="checkbox"/> Copy of Fee Transmittal Form

<input type="checkbox"/> Amendment/Response
<input type="checkbox"/> Preliminary
<input type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____]

<input type="checkbox"/> Petition for Extension of Time

<input type="checkbox"/> Supplemental Information Disclosure Statement
<input type="checkbox"/> Form PTO-1449
<input type="checkbox"/> Certified Copy of Priority Document(s)

<input type="checkbox"/> Sequence Listing submission
<input type="checkbox"/> Paper Copy/CD
<input type="checkbox"/> Computer Readable Copy
<input type="checkbox"/> Statement verifying identity of above | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application

<input type="checkbox"/> Formal Drawing(s)

<input type="checkbox"/> Request For Continued Examination (RCE) Transmittal

<input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)

<input type="checkbox"/> Terminal Disclaimer

<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application
<input type="checkbox"/> Small Entity Statement

<input type="checkbox"/> Amendment After Allowance

<input type="checkbox"/> Request for Certificate of Correction
<input type="checkbox"/> Certificate of Correction (in duplicate) | <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences

<input type="checkbox"/> Appeal Brief (in triplicate)

<input type="checkbox"/> Status Inquiry

<input checked="" type="checkbox"/> Return Receipt Postcard
<input checked="" type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8

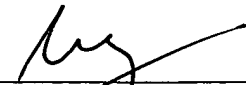
<input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8
<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below)

<input checked="" type="checkbox"/> Supplemental Application Data Sheet |
|---|---|---|

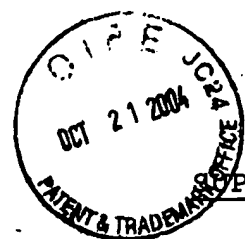
CORRESPONDENCE ADDRESS

Direct all correspondence to: Patent Administrator
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110
Tel. No.: (617) 248-7000
Fax No.: (617) 248-7100

SIGNATURE BLOCK

Respectfully submitted,

Mark L. Beloborodov
Attorney for Applicants
Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110

Date: October 19, 2004
Reg. No. 50,773
Tel. No.: (617) 248-7453
Fax No.: (617) 248-7100



SUPPLEMENTAL APPLICATION DATA SHEET

Application Information

Application Number:: 10/646,353
Filing Date:: Herewith
Application Type:: Regular
Subject Matter: Utility
CD-ROM or CD-R?:: None
Number of CD Disks::
Number of Copies of CDs::
Sequence Submission?:: No
Computer Readable Form (CRF)?:: No
Number of Copies of CRF::
Title:: SEMICONDUCTOR HETEROSTRUCTURES HAVING REDUCED
DISLOCATION PILE-UPS AND RELATED METHODS

Attorney Docket Number:: ASC-058B
Request for Early Publication?::
Request for Non-Publication?::
Suggested Drawing Figure::
Total Drawing Sheets:: 6
Small Entity?:: No
Licensed US Govt. Agency::
Contract or Grant Numbers::
Secrecy Order in Parent Appl.?:: No

Applicant Information

Applicant Authority Type:: Inventor
Primary Citizenship Country:: US
Status:: Full Capacity
Given Name:: Richard
Middle Name::
Family Name:: Westhoff
Name Suffix::

City of Residence:: Hudson
State or Province of Residence:: NH
Country of Residence:: US
Street of Mailing Address:: 17 Schaefer Circle
City of Mailing Address:: Hudson
State or Province of Mailing Address:: NH
Country of Mailing Address:: US
Postal or Zip Code of Mailing Address:: 03051

Applicant Authority Type:: Inventor
Primary Citizenship Country:: US
Status:: Full Capacity
Given Name:: Vicky
Middle Name::
Family Name:: Yang
Name Suffix::

City of Residence:: Windham
State or Province of Residence:: NH
Country of Residence:: US
Street of Mailing Address:: 8 Fletcher Road
City of Mailing Address:: Windham
State or Province of Mailing Address:: NH
Country of Mailing Address:: US
Postal or Zip Code of Mailing Address:: 03087

Applicant Authority Type:: Inventor
Primary Citizenship Country:: US
Status:: Full Capacity
Given Name:: Matthew
Middle Name::
Family Name:: Currie
Name Suffix::

City of Residence:: Windham
State or Province of Residence:: NH
Country of Residence:: US
Street of Mailing Address:: 8 Fletcher Road
City of Mailing Address:: Windham
State or Province of Mailing Address:: NH
Country of Mailing Address:: US
Postal or Zip Code of Mailing Address:: 03087

Applicant Authority Type:: Inventor
Primary Citizenship Country:: US
Status:: Full Capacity
Given Name:: Christopher
Middle Name::
Family Name:: Vineis
Name Suffix::
City of Residence:: Cambridge
State or Province of Residence:: MA
Country of Residence:: US
Street of Mailing Address:: 195 Binney Street, Apt. 4302
City of Mailing Address:: Cambridge
State or Province of Mailing Address:: MA
Country of Mailing Address:: US
Postal or Zip Code of Mailing Address:: 02142

Applicant Authority Type:: Inventor
Primary Citizenship Country:: US
Status:: Full Capacity
Given Name:: Christopher
Middle Name::
Family Name:: Leitz
Name Suffix::
City of Residence:: Nashua

State or Province of Residence:: NH
Country of Residence:: US
Street of Mailing Address:: 1 Clocktower Place, Apt. 225
City of Mailing Address:: Nashua
State or Province of Mailing Address:: NH
Country of Mailing Address:: US
Postal or Zip Code of Mailing Address:: 03060

Correspondence Information

Correspondence Customer Number:: 021323

Representative Information

Representative Customer Number:: 021323

Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	Non-Provisional of	60/405,484	08/23/02

Foreign Priority Information

Country::	Application Number::	Filing Date::	Priority Claimed::

Assignee Information

Assignee Name:: AmberWave Systems Corporation

City of Mailing Address:: Salem

State or Province of Mailing Address:: NH

Country of Mailing Address:: USA